

02-14-02 A

Please type a plus sign (+) inside this box



PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

02/11/02



02/11/02

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P13347

First Inventor Richard P. Mangold

Title A Method for Protecting Memory Buffers From Unauthorized Access

Express Mail Label No. EV069174292US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 23]

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]

5. Oath or Declaration [Total Pages 5]

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b)

6. Application Data Sheet. See 37 CFR 1.76

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all of the following are necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

- 9. Assignment Papers (cover sheet & document(s))
- 10. 37 C.F.R. § 3.73(b) Statement Power of Attorney (when there is an assignee)
- 11. English Translation Document (if applicable)
- 12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 13. Preliminary Amendment
- 14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
- 17. Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No:

Prior application Information: Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

08791

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or Correspondence address below Customer Number of Bar Code Label

| | | | | | |
|---------|--|-----------|----------------|----------|----------------|
| Name | Mark L. Watson Blakely, Sokoloff, Taylor & Zafman LLP | | | | |
| Address | 12400 Wilshire Boulevard, Seventh Floor | | | | |
| City | Los Angeles | State | California | Zip Code | 90025-1030 |
| Country | USA | Telephone | (303) 740-1980 | Fax | (303) 740-6962 |

Name (Print/Type) Mark L. Watson Registration No. (Attorney/Agent) 46,322

Signature  Date 2/11/02

Burden Hour Statement This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 780.00)

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | Not yet assigned |
| Filing Date | February 11, 2002 |
| First Named Inventor | Richard P. Mangold |
| Examiner Name | |
| Group/Art Unit | |
| Attorney Docket No. | 42390p13347 |

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number 02-2666

Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of the application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility filing fee | 740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | (\$) | | 740.00 | |

2. EXTRA CLAIM FEES

| Total Claims | 20 | 20* = | 0 | X | 18.00 = | \$0.00 | Fee Paid |
|--------------------|----|-------|---|---|---------|--------|----------|
| Independent Claims | 3 | 3* = | 0 | X | 84.00 = | \$0.00 | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | |
| 104 | 280 | 204 | 140 | Multiple Dependent claim, if not paid | |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | (\$) | | 0.00 | |

**or number previously paid, if greater, For Reissues, see below

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|-----------------------------------|--------------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 105 | 130 | 205 65 Surcharge - late filing fee or oath | |
| 127 | 50 | 227 25 Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 130 Non-English specification | |
| 147 | 2,520 | 147 2,520 For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 920 * Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 1,840 * Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 55 Extension for reply within first month | |
| 116 | 400 | 216 200 Extension for reply within second month | |
| 117 | 920 | 217 460 Extension for reply within third month | |
| 118 | 1,440 | 218 720 Extension for reply within fourth month | |
| 128 | 1,960 | 228 980 Extension for reply within fifth month | |
| 119 | 320 | 219 160 Notice of Appeal | |
| 120 | 320 | 220 160 Filing a brief in support of an appeal | |
| 121 | 280 | 221 140 Request for oral hearing | |
| 138 | 1,510 | 138 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 55 Petition to revive - unavoidable | |
| 141 | 1,280 | 241 640 Petition to revive - unintentional | |
| 142 | 1,280 | 242 640 Utility issue fee (or reissue) | |
| 143 | 460 | 243 230 Design issue fee | |
| 144 | 620 | 244 310 Plant issue fee | |
| 122 | 130 | 122 130 Petitions to the Commissioner | |
| 123 | 50 | 123 50 Prospecting fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 40 Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 740 | 246 370 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 370 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 370 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 900 Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |
| *Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) | | (\$) | 40.00 |

SUBMITTED BY Complete (if applicable)

| | | | | | |
|-------------------|-----------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Mark L. Watson | Registration No. (Attorney/Agent) | 46,322 | Telephone | (303) 740-1980 |
| Signature | <i>Mark L. Watson</i> | | | Date | <i>2/11/02</i> |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Serial/Patent No.:

Filing/Issue Date: Concurrently herewith

Client: Intel Corporation

Title: A Method for Protecting Memory Buffers from Unauthorized Access

BSTZ File No.: 042290P13247

Atty/Secty Initials: MW (amv)

Date Mailed: 2/11/02

Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (____ pgs.) Express Mail No. EV069174292US Check No. 3277
 Appeal Brief (____ pgs.) (in triplicate) _____ Month(s) Extension of Time Amt: 780-
 Application - Utility (____ pgs., with cover and abstract) Information Disclosure Statement & PTO-140 (____ pgs.) Check No. _____
 Application - Rule 1.53(b) Continuation (____ pgs.) Issue Fee Transmittal Amt: _____
 Application - Rule 1.53(b) Divisional (____ pgs.) Notice of Appeal _____
 Application - Rule 1.53(b) CIP (____ pgs.) Petition for Extension of Time _____
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) Petition for _____
 Application - Design (____ pgs.) Postcard _____
 Application - PCT (____ pgs.) Power of Attorney (____ pgs.) _____
 Application - Provisional (____ pgs.) Preliminary Amendment (____ pgs.) _____
 Assignment and Cover Sheet Reply Brief (____ pgs.) _____
 Certificate of Mailing Response to Notice of Missing Parts _____
 Declaration & POA (____ pgs.) signed Small Entity Declaration for Indep. Inventor/Small Business _____
 Disclosure Docs & Qig & Copy of Inventor's Signed Letter (____ pgs.) Transmittal Letter, in duplicate _____
 Drawings: 4 # of sheets includes 4 figures Fee Transmittal, in duplicate _____
 Other: Express mail Certificate

EV069174292US

"Express Mail" mailing label number: EV069174292US

Date of Deposit: February 11, 2002

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner of Patents and Trademarks, Washington, D. C. 20231

(Typed or printed name of person mailing paper or fee) April Worley

(Signature of person mailing paper or fee) April Worley

(Date signed) 2/11/02